

Release Notes

IPS Engine 7.2



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IPS Engine 7.2 Release Notes

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TABLE OF CONTENTS

Change log	4
Introduction	5
Product integration and support	6
Resolved issues	7
Known issues	9

Change log

Date	Change Description
2022-10-31	Initial release.

Introduction

This document provides the following information for the Fortinet IPS Engine 7.2 build 249 (7.00249).

- [Product integration and support on page 6](#)
- [Resolved issues on page 7](#)
- [Known issues on page 9](#)

IPS Engine 7.2 build 249 is a release to FortiGuard. It is not a built-in release for FortiOS.

For additional FortiOS documentation, see the [Fortinet Document Library](#).

Product integration and support

The following table lists IPS engine product integration and support information:

FortiOS	7.2
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Resolved issues

The resolved issues listed do not list every bug that has been corrected with this release. For inquiries about a particular bug, contact [Customer Service & Support](#).

Bug ID	Description
590623	FortiGate 76E has strange padding in certificate after deep inspection (ICAgICAg..).
673117	Trivial file transfer protocol (TFTP) traffic does not work well when TFTP application set in security policy.
687885	Inconsistent system performance with RFC2544 IXIA breaking point testing.
695464	High IPS engine CPU utilization.
698247	Flow mode Web Filter override crashes and socket leaks in IPS engine daemon.
757322	Inconsistent system performance with RFC2544 IXIA breaking point testing using frame size 68 + SR-IOV interface.
774826	IPS engine processes consume high CPU usage.
775566	Websites do not load in flow mode with deep SSL inspection.
781110	Packets are lost with security (UTM) profiles and third party WAN optimizer (Riverbed).
786479	Traffic log does not work under next generation firewall (NGFW) mode while a reboot can solve the issue on FortiGate 101E.
787151	FortiGate inserts epoch time into the PCAP when detected by some signatures.
789861	Globus file transfer traffic breaks when Web Filter profile is enabled along with certificate inspection.
791175	Cannot access specific website after upgrading IPS engine version.
792312	HTTPS traffic cannot pass FortiGate-VM on VMware ESXi well when IPS and deep inspection are enabled
794872	FortiGate 5001E blade application IPS Engine crashes during traffic testing.
795677	Upgrading IPS Engine slows web access.
797229	TCP Middlebox Reflexion.
798367	IPS Engine treats FLOW-DLP- CIFS ZIP file block unexpectedly.
798587	NGFW security policy misses <code>internet-service6/internet-service6-src</code> options.
798817	IPS Engine crashes at <code>ips_dac_get_save_log</code> on FortiGate 401E during stress testing.
798829	IPS Engine has signal 7 crash at <code>ips_shm_sig_get</code> on firewall.
800524	IPS engine crashes with signal 11.

Bug ID	Description
800730	When using NGFW policy-based mode, modifying a security policy resets all sessions.
800731	In flow mode, antivirus sends HTML files to FortiGate Cloud Sandbox every time when it is not configured in the file list.
802465	ERR_SSL_PROTOCOL_ERROR occurs when loading a website in flow mode.
802683	IPS engine debug filter does not work.
804500	Changing the custom URL filter causes a network degradation.
806083	DNS local domain filter does not work in flow mode.
808961	IPS engine stalls and causes packet drops.
810105	Signal 14 alarm clock received by updated and hasync crash.
811213	IPS Engine with CP enabled has high CPU usage.
811551	NGFW mode has traffic drop post upgrade to 6.2.2.
816032	Security policy with FSSO authentication sporadically does not match.
816759	IPS Engine crashes on <code>ovrd_ssl_read</code> on 5.00272.
817902	IPS engine crashes with signal 11.
819224	Regular expression engine must be migrated to PCRE2.
822573	URL filter cannot be blocked if IPS Engine sensor is on the same firewall policy with flow inspection mode.
827253	With IPv6 URL filter, FortiOS only blocks traffic to pure IPv6 and does not detect traffic to obfuscated IPv6.
834056	After upgrade to 6.4.9, high memory consumption and several conserve modes are observed.
839679	IPS Engine crashes with Signal 11.
840232	Hostname in syslog is short.
841269	When SSL inspection certificate is configured, a block page does not show when Application Control and Web Filter are enabled on the same policy.
849030	libips.so crashes with signal 11 in <code>sock_read_stop</code> on FortiOS.

Known issues

There are no known issues with this release of IPS engine version 7.2 for FortiOS.

To report a bug, please contact [Customer Service & Support](#).



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